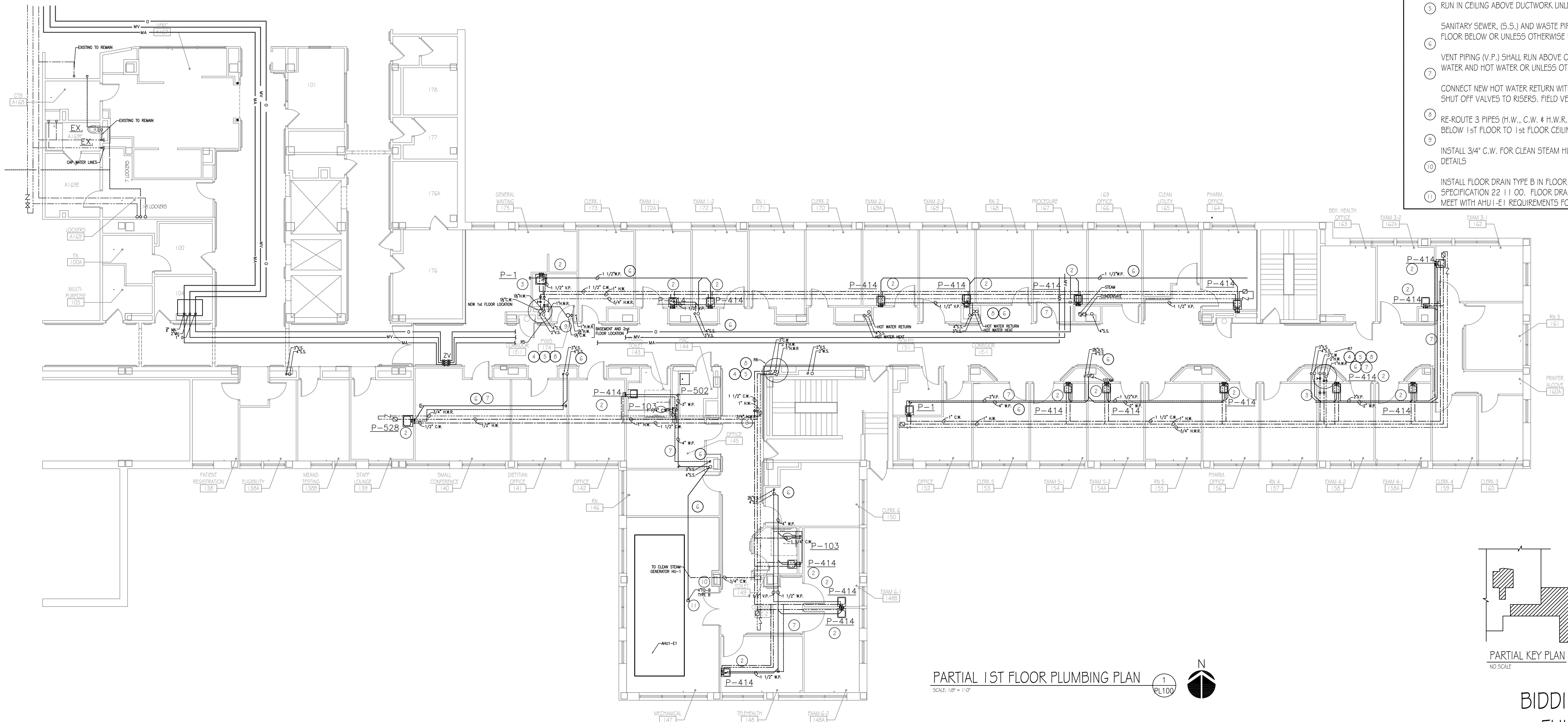


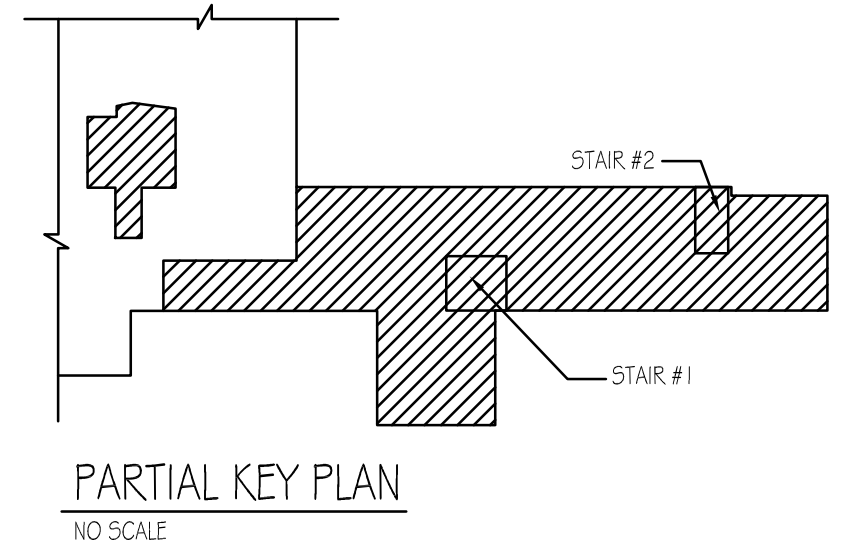
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



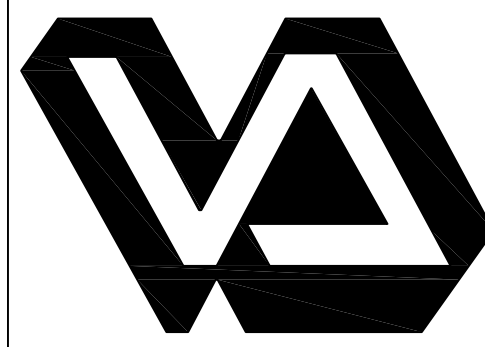



NOTES

- GENERAL NOTES:**
- DRAWING SHOWN REPRESENTING KNOWN CONDITIONS BASED ON EXISTING REFERENCE DRAWINGS AND OTHER ONGOING PROJECTS RELATED TO DOMESTIC WATER. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND COORDINATE WORK WITH OTHER KNOWN OR UNKNOWN RISER RENOVATION PROJECTS
 - ANY SITE MODIFICATION NOT SHOWN ON DRAWINGS SHALL BE MARKED-UP ON AN EXISTING DRAWING. CONTRACTOR SHALL SUBMIT A MARKED UP SET TO THE VA COR FOR AS-BUILT PURPOSES AT THE CONCLUSION OF THE PROJECT.
 - PLUG, FULLY CLOSE AND REMOVE HANDLE FROM ALL UNUSED MEDICAL GAS VALVES.
 - FOR SYMBOLS AND ABBREVIATIONS SEE DRAWING G1004
 - SEE DRAWING PL-500 FOR DETAILS ON MOST PLUMBING FIXTURES.
 - SEE DRAWING PL-600 FOR EQUIPMENT SCHEDULES.

- PLAN NOTES:**
- SEE DRAWING PD-1 00 FOR WATER AND DRAIN LINE DEMOLITION PLAN
 - 3/4" CW/HW TO FIXTURES. REDUCE 1/2" TO EACH FIXTURE.
 - INSTALL WATER HAMMER ARRESTORS IN MAIN BRANCH LINES FEEDING TO SINK ZONES. SEE PL-601 AND PL-500 FOR HAMMER ARRESTOR TYPES.
 - CONNECT NEW WATER BRANCH LINES TO MAIN RISERS WITH SHUT-OFF VALVES ON HOT AND COLD WATER BEFORE CONNECTION.
 - ALL DOMESTIC COLD WATER, HOT WATER PIPING RUNS SHOWN ON PLAN SHALL BE RUN IN CEILING ABOVE DUCTWORK UNLESS OTHERWISE NOTED.
 - SANITARY SEWER, (S.S.) AND WASTE PIPING (W.P.) SHALL RUN ABOVE CEILING OF FLOOR BELOW OR UNLESS OTHERWISE NOTED.
 - VENT PIPING (V.P.) SHALL RUN ABOVE CEILING OF FLOOR ABOVE ALONG WITH COLD WATER AND HOT WATER OR UNLESS OTHERWISE NOTED.
 - CONNECT NEW HOT WATER RETURN WITH EXISTING HOT WATER RETURN PIPING AT SHUT OFF VALVES TO RISERS. FIELD VERIFY.
 - RE-ROUTE 3 PIPES (H.W., C.W. & H.W.R.) EAST TO CHASE AS SHOWN BELOW 1st FLOOR TO 1st FLOOR CEILING
 - INSTALL 3/4" C.W. FOR CLEAN STEAM HUMIDIFIER. SEE MH-100, MH-600 FOR MORE DETAILS
 - INSTALL FLOOR DRAIN TYPE B IN FLOOR FOR MECHANICAL EQUIPMENT. REFERENCE SPECIFICATION 22 11 00. FLOOR DRAIN TRAP AND LENGTH REQUIREMENTS SHALL MEET WITH AHJ-E1 REQUIREMENTS FOR DRAINS. SEE DETAIL MH-500



PARTIAL 1ST FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

BIDDING DOCUMENTS 03/27/2013 Revisions: _____ Date: _____		 VA Northern Indiana Health Care System, Fort Wayne 2121 Lake Ave., Fort Wayne IN 46805		CONSULTANTS: USFin Development, LLC 1105 West Weir Street Litchfield, Illinois 62556 Viridian Architectural Design, Inc. 2020 East Washington Blvd., Suite 200 Fort Wayne, Indiana 46803		ARCHITECT/ENGINEERS:  AMERICAN STRUCTUREPOINT 7280 SHADELAND STATION INDIANAPOLIS, IN 46256-3987 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com  enerTronics Engineering Corporation The Fairmont Building 92445 Calumet Ave., Suite 205, Munster, IN 46321 (219) 836-2120 Fax (219) 836-1129		Approved: Medical Center Director NAME: _____ SIGNATURE: _____ Approved: Medical Center Associate Director NAME: _____ SIGNATURE: _____		Drawing Title 1ST FLOOR MECHANICAL PLUMBING PLAN AND NOTES Approved: Engineering Service NAME: _____ SIGNATURE: _____ Approved: Project Director NAME: _____ SIGNATURE: _____		Project Title Renovate First Floor East Wing for PACT Location 2121 Lake Ave., Fort Wayne, IN 46805 Date 03/27/2013 Checked DS Drawn DR		Project Number 610A4-12-107 Building Number 01 Drawing Number PL-100 Dwg. 21 of 58		Office of Construction and Facilities Management  Department of Veterans Affairs	
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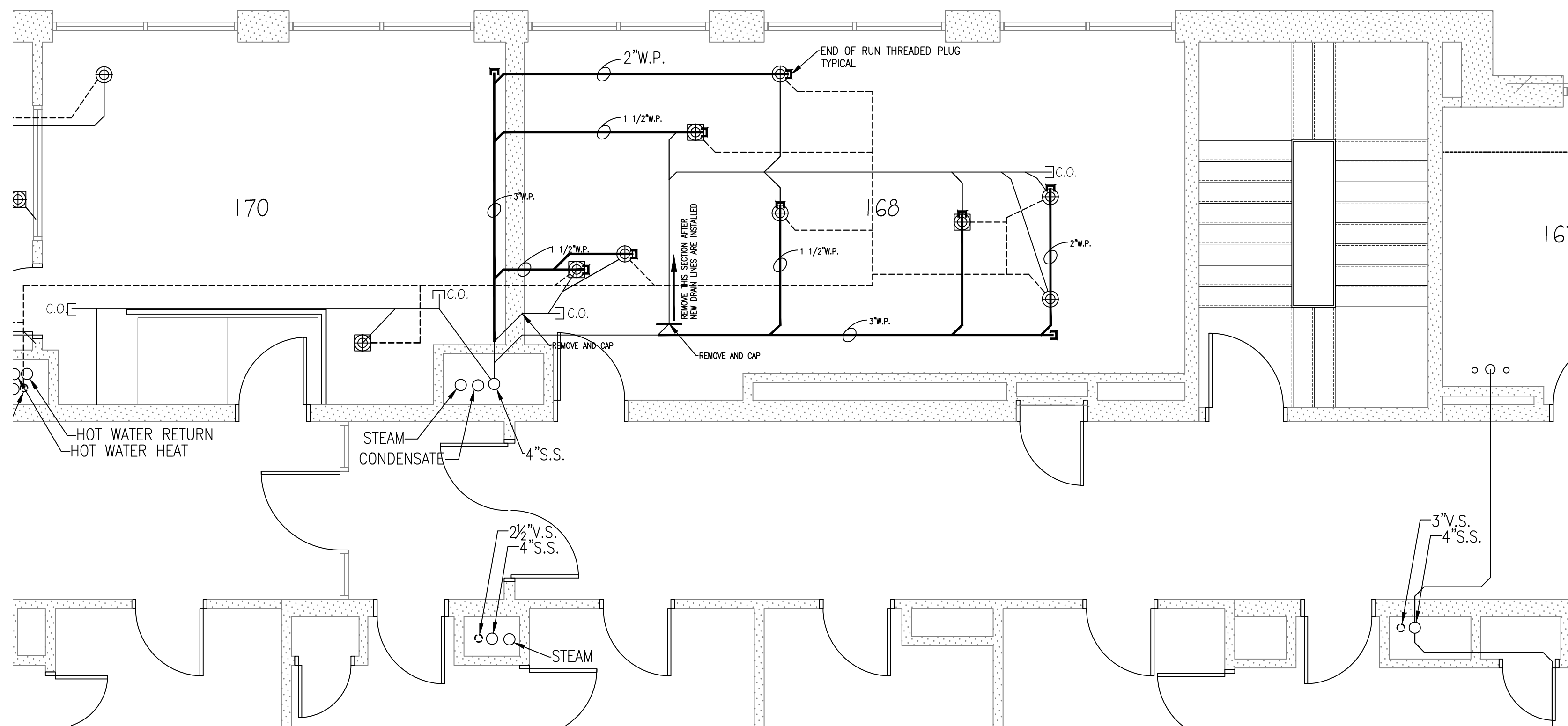
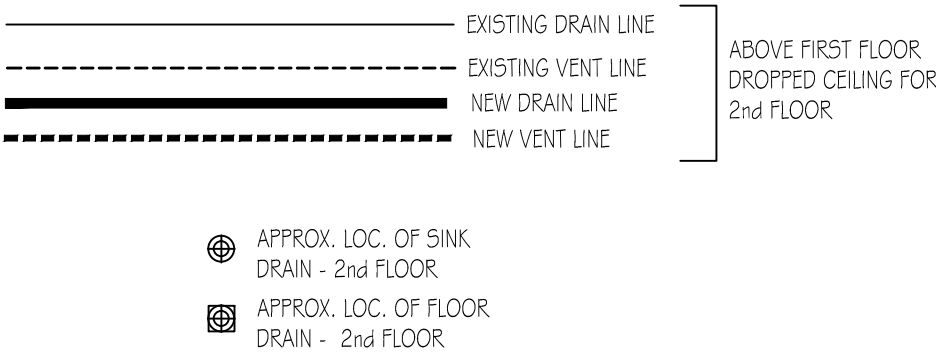
PLUMBING DRAIN AND VENT PLAN NOTES:

- NOTE: CONTRACTOR SHALL SCHEDULE THIS WORK WITH COR TO AVOID ANY CONFLICT WITH KITCHEN OPERATION. ANY DISRUPTION TO KITCHEN SERVICE MUST BE AVOIDED.
- CONTRACTOR TO PERFORM NEW INSTALLATION IN 2 PHASES.
PHASE 1: INSTALLATION OF NEW DRAIN LINES SHALL BE COMPLETED AS FAR AS POSSIBLE PRIOR TO ANY DEMOLITION.
PHASE 2: DEMOLITION AND CONNECTION TO 2nd FLOOR DRAINS SHALL BE CONNECTED ONLY TO THE EXTENT THAT CAN BE COMPLETED DURING ONE EVENING/NIGHT SHIFT TO AVOID ANY DISRUPTION TO NORMAL KITCHEN/CAFETERIA HOURS.
 - ALL WATER, SEWER, VENT LINES AND RISERS SHOWN ON THIS DRAWING ARE LOCATED ABOVE THE 1st FLOOR SUSPENDED CEILING (EXCEPT AS NOTED). THESE LINES SERVICE THE 2nd FLOOR AND SERVICE TO THE 2nd FLOOR SHALL NOT BE INTERRUPTED WITHOUT PRIOR APPROVAL FROM THE COR.
 - ALL NEW INSTALLATIONS SHOWN WILL BE INSTALLED AS FAR AS POSSIBLE PRIOR TO ANY DEMOLITION WORK OR REMOVAL OF ANY DRAIN FROM SERVICE.
 - ALL DRAINS SHOWN ON PLAN ARE IN THE 2nd FLOOR KITCHEN/CAFETERIA AREA. SERVICE TO THIS AREA WILL NOT BE INTERRUPTED DURING HOURS OF OPERATION.
 - ALL ABANDONED DRAIN LINES SHALL BE REMOVED OR CAPPED AS CLOSE TO THE RISER OR NEW LINE WHEREVER POSSIBLE.
 - ALL EXISTING VENT LINES SHALL BE RETAINED AS MUCH AS POSSIBLE.
 - ALL WORK SHOWN IS BELOW THE 2nd FLOOR. NO WORK ABOVE 2nd FLOOR SHALL BE REQUIRED. ONLY VERIFICATION WILL BE REQUIRED THAT NO DRAINAGE WILL OCCUR FROM 2nd FLOOR DURING CONNECTION TO NEW DRAIN LINES.

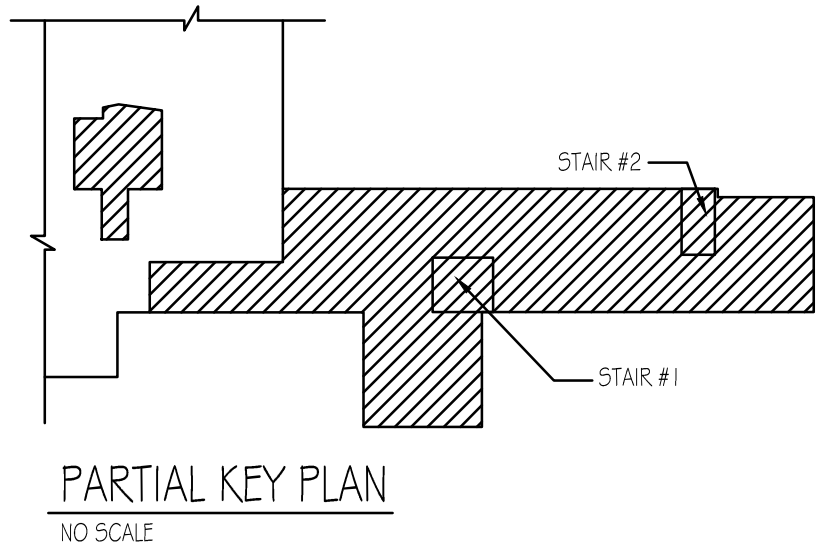
GENERAL NOTES:

- VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. NOTIFY THE ARCHITECT OR VA COR OF CONFLICTS PRIOR TO PROCEEDING.
- ALL ITEMS BEING REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER UNTIL CONFIRMATION HAS BEEN MADE AS TO WHETHER THE OWNER WILL RETAIN SUCH ITEMS. ALL ITEMS NOT BEING RETAINED BY THE OWNER OR DESIGNATED ON THE DRAWINGS OR IMPLIED BY THE WORK BEING PERFORMED, SUCH PROTECTION SHALL BE MAINTAINED AND REPAIRED PROMPTLY IF DAMAGED TO AVOID DUST INFILTRATION INTO ADJACENT AREAS.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY DUST PARTITIONS, TEMPORARY DOORS, WALK-OFF MATS AND EQUIPMENT PROTECTION WHERE SHOWN ON THE DOCUMENTS OR IMPLIED BY THE WORK BEING PERFORMED. SUCH PROTECTION SHALL BE MAINTAINED AND REPAIRED PROMPTLY IF DAMAGED TO AVOID DUST INFILTRATION INTO ADJACENT AREAS.
- ALL ATTEMPTS TO DEPICT CURRENT CONDITIONS AS SHOWN ON THE DRAWINGS WERE MADE TO BEST OF THE ARCHITECTS KNOWLEDGE OF EXISTING CONDITIONS AND OTHER RESOURCES SUCH AS SITE INVESTIGATIONS AND REVIEW OF PREVIOUS DRAWINGS.
- ALL EXISTING RISERS TO REMAIN, EXISTING PIPING NOT TO REMAIN IN USE SHALL BE REMOVED, DISCONNECTED FROM DISTRIBUTION SYSTEM, CAP BRANCH AT MAIN.
- REFER TO ARCHITECTURAL, ELECTRICAL AND MECHANICAL PLANS FOR RESPECTIVE DEMOLITION INFORMATION.
- ASSURE THAT NO MEDICAL GASES ARE PRESENT IN THE AREA. IF ANY LINES ARE IDENTIFIED OR SUSPECTED OF TRANSMITTING MEDICAL GASES THE COR SHOULD BE IMMEDIATELY CONTACTED. IN THE EVENT THAT A MEDICAL GAS LINE IS BREACHED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY HIRE A CONTRACTOR CERTIFIED IN MEDICAL GAS SYSTEMS AS WELL AS TO HIRE A FIRM TO RE-CERTIFY THE MEDICAL GAS SYSTEM(S).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABATEMENT OF ALL ASBESTOS IN THE PROJECT AREA.

DEMOLITION LEGEND

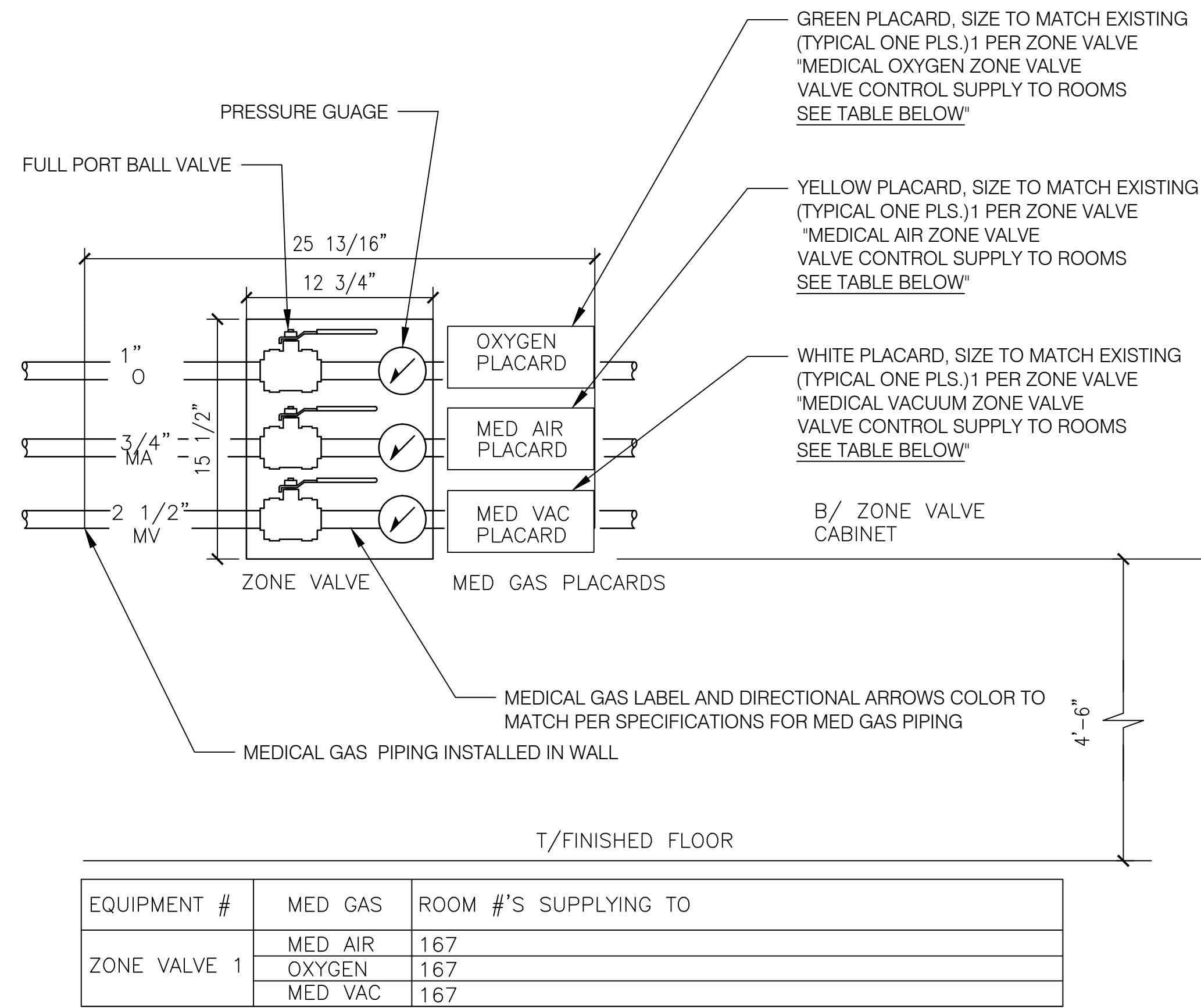


PARTIAL 2ND FLOOR DRAIN PLAN
SCALE: 1/8\"/>

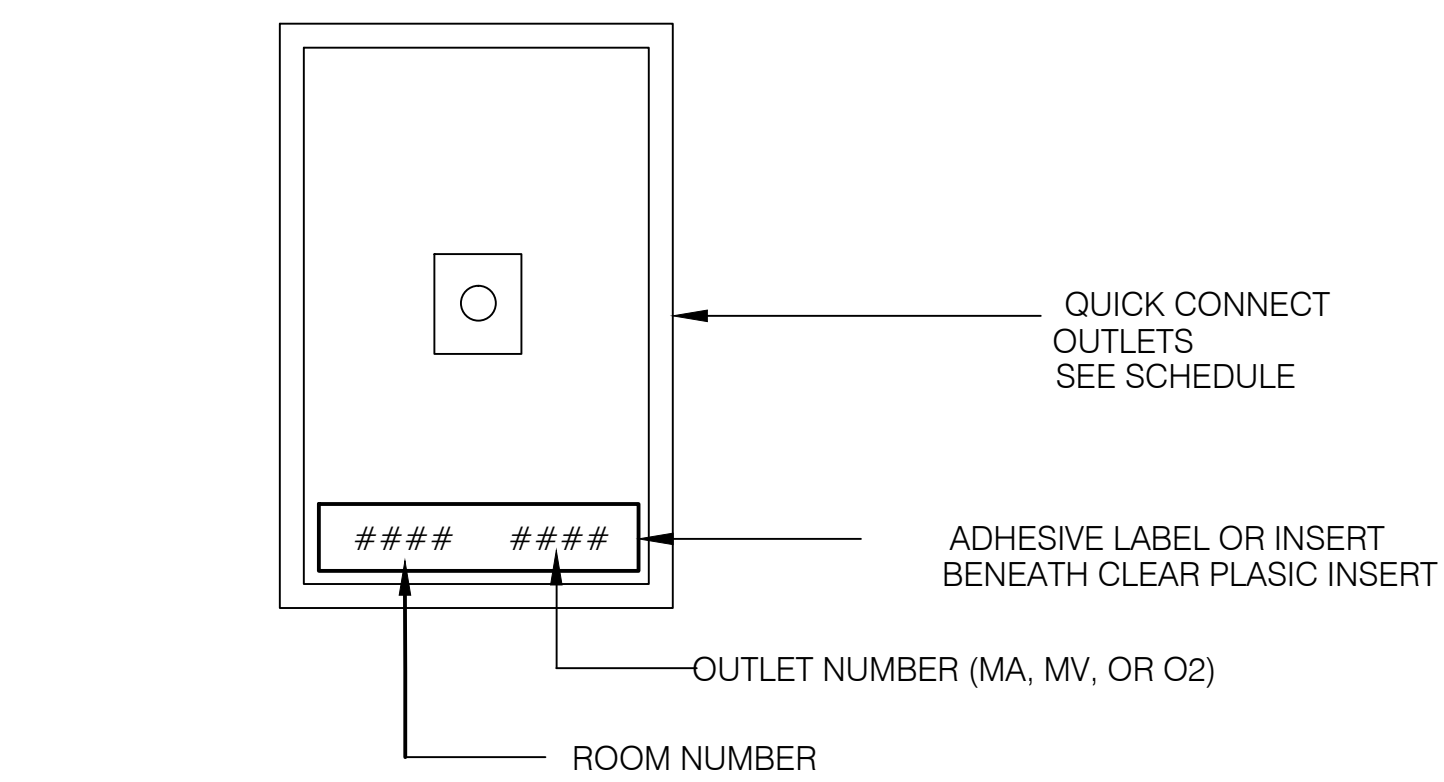


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FULLY SPRINKLERED

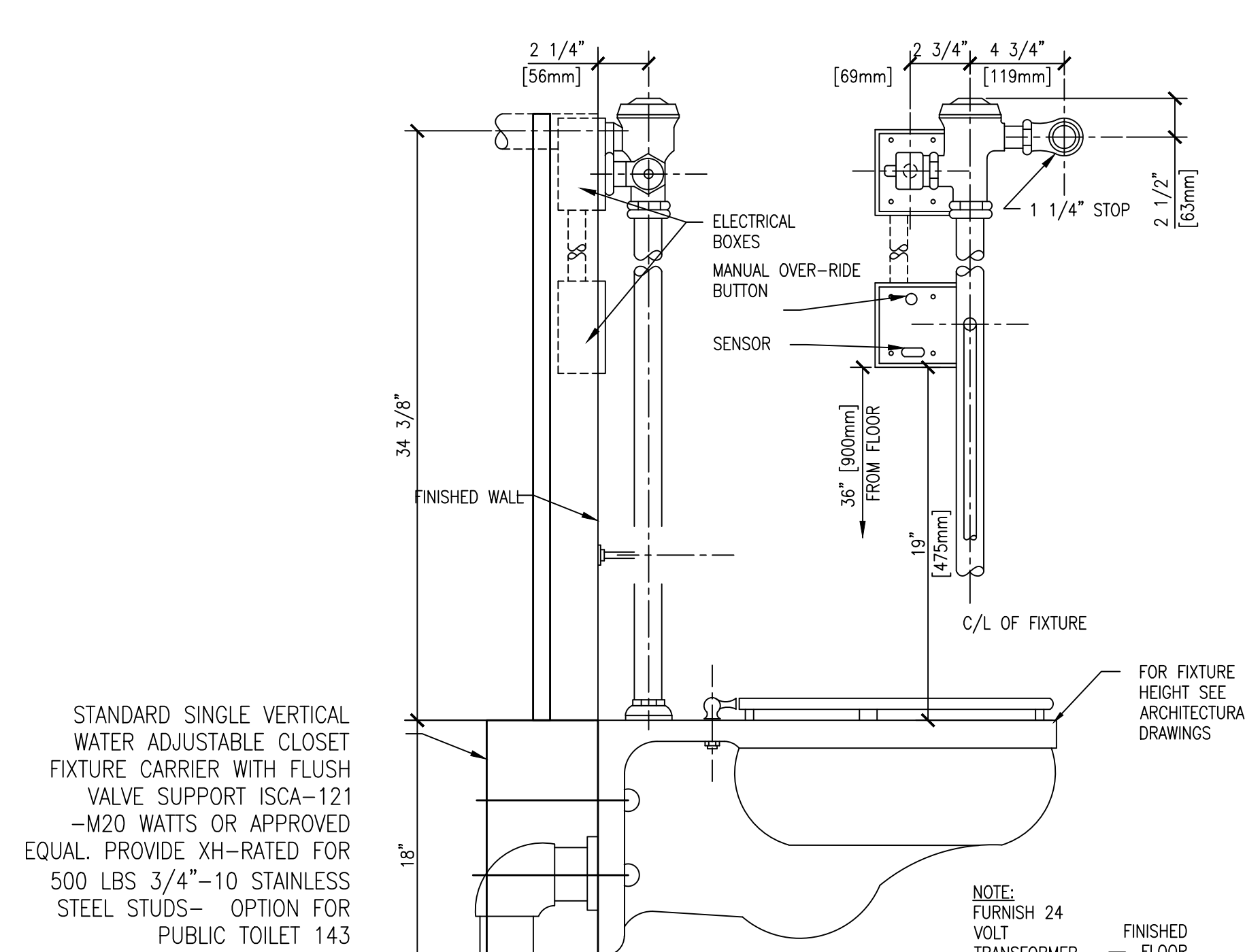
		VA Northern Indiana Health Care System, Fort Wayne 2121 Lake Ave., Fort Wayne IN 46805		CONSULTANTS: USFin Development, LLC 1105 West Weir Street Litchfield, Illinois 62556 Viridian Architectural Design, Inc. 2020 East Washington Blvd, Suite 200 Fort Wayne, Indiana 46803		ARCHITECT/ENGINEERS: 7280 SHADELAND STATION INDIANAPOLIS, IN 46256-3987 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com Engineering Corporation The Fairmont Building 92415 Calumet Ave., Suite 205, Munster, IN 46321 (219) 836-2120 Fax (219) 836-1129		Approved: Medical Center Director NAME: _____ SIGNATURE: _____ Approved: Medical Center Associate Director NAME: _____ SIGNATURE: _____		Drawing Title PLUMBING SANITARY SEWER AND VENT 2nd FLOOR DRAIN PLAN AND NOTES Approved: Engineering Service NAME: _____ SIGNATURE: _____ Approved: Project Director NAME: _____ SIGNATURE: _____		Project Title Renovate First Floor East Wing for PACT Location 2121 Lake Ave., Fort Wayne, IN 46805 Date 03/27/2013		Project Number 610A4-12-107 Building Number 01 Drawing Number PL-101 Dwg. 22 of 58		Office of Construction and Facilities Management Department of Veterans Affairs	
BIDDING DOCUMENTS Revisions:		03/27/2013 Date:															



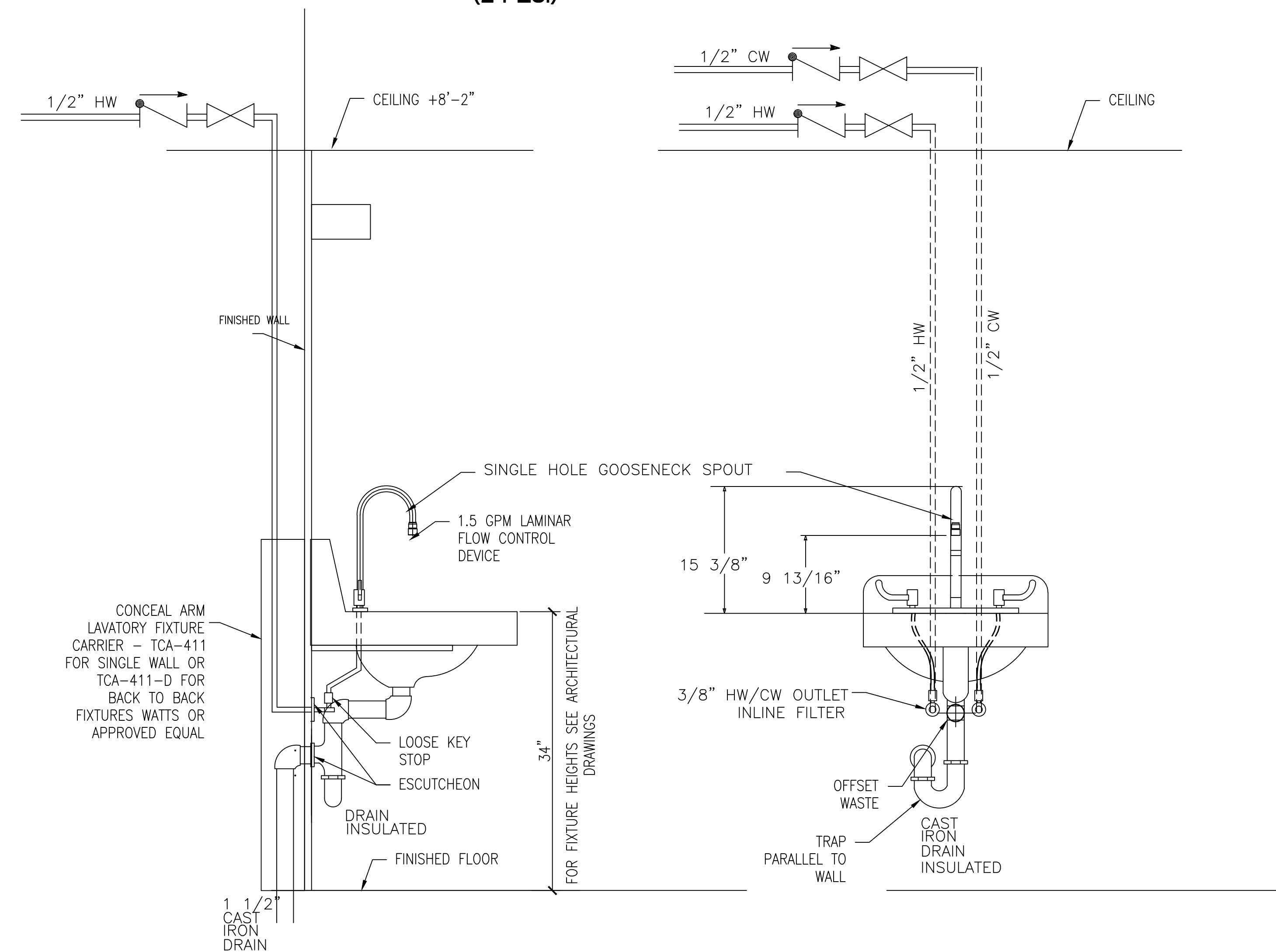
4 PL500 ZONE VALVE CABINET ROUGH-IN DETAIL
SCALE: NTS
(ONE PLS.)
REFERENCE PL-100 AND PL-601



3 PL500 MEDICAL GASES PLATES
SCALE: NTS
REFERENCE PL-100 AND ARCHITECTURAL DRAWINGS
FOLLOW APPLICABLE CODES AND STANDARDS AS DIRECTED BY NFPA AND THE SPECIFICATIONS


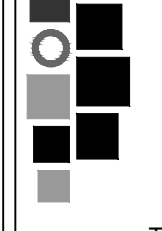

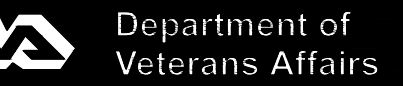


2 PL500 P-103 WALL HUNG WATER CLOSET - SENSOR ROUGH-IN DETAIL
SCALE: NTS
(2 PLS.)
REFERENCE PL-100 AND ARCHITECTURAL DRAWINGS



1 PL500 P-414 LAVATORY WRIST CONTROLLED SINK ROUGH-IN DETAIL
SCALE: NTS
(15 PLS.)
REFERENCE PL-100 AND ARCHITECTURAL DRAWINGS

BIDDING DOCUMENTS
FULLY SPRINKLERED

BIDDING DOCUMENTS Revisions: 03/27/2013 Date:		 VA Northern Indiana Health Care System, Fort Wayne 2121 Lake Ave., Fort Wayne IN 46805	CONSULTANTS: USFin Development, LLC 1105 West Weir Street Litchfield, Illinois 62056 Viridian Architectural Design, Inc. 2020 East Washington Blvd, Suite 200 Fort Wayne, Indiana 46803	ARCHITECT/ENGINEERS:  AMERICAN STRUCTUREPOINT INC. 7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3957 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com  ENERTRONICS Engineering Corporation The Fairmont Building 9245 Calumet Ave, Suite 205, Munster, IN 46321 (219) 836-2120 Fax (219) 836-1129	Approved: Medical Center Director NAME: _____ SIGNATURE: _____ Approved: Medical Center Associate Director NAME: _____ SIGNATURE: _____	Drawing Title PLUMBING AND MEDICAL GAS DETAILS Approved: Engineering Service NAME: _____ SIGNATURE: _____ Approved: Project Director NAME: _____ SIGNATURE: _____	Project Title Renovate First Floor East Wing for PACT Location 2121 Lake Ave., Fort Wayne, IN 46805 Date 03/27/2013 Checked DS Drawn DR	Project Number 610A4-12-107 Building Number 01 Drawing Number PL-500 Dwg. 23 of 58	Office of Construction and Facilities Management  Department of Veterans Affairs
VA FORM 08-6231									

MEDICAL GAS EQUIPMENT SCHEDULES
REFERENCE SPECIFICATIONS 226300

Outlet Schedule						
Reference Drawings PL-100 AND PL-601						
Quantity	Field Piping Conn.	Valve Mat'l	Service Conn.	Service	Mounting	Preferred Vendor
ONE	1/2" COPPER TUBE	Brass	GEOMETRIC QUICK CONNECT	Oxygen	Wall	Beacon Medgas Model No. 6-121020-00 Or Approved Equal
ONE	1/2" COPPER TUBE	Brass	GEOMETRIC QUICK CONNECT	Medical Vacuum	Wall	Beacon Medgas Model No. 6-121023-00 Or Approved Equal
ONE	1/2" COPPER TUBE	Brass	GEOMETRIC QUICK CONNECT	Medical Air	Wall	Beacon Medgas Model No. 6-121022-00 Or Approved Equal
ONE	--	Brass	SLIDE	Medical Vacuum	Wall	Beacon Medgas Slide No. 6-120978-00 Or Approved Equal





Medical Gas Valves											
Reference Drawings PL-100 AND PL-601											
Valve Mark #	Qty.	Size	Service	Type	Class	Connection	Body Material	Seats/Seals	Cleaned for Oxygen Service	Lockable Handle	Preferred Vendor
Service Shutoff	ONE	1/2"	Oxygen	Ball Valve — 3 PIECE Full Port	600 PSI 29" Hg	Copper Pipe	Bronze	Teflon	Yes	Yes	Beacon Medgas
	ONE	3/4"	MED AIR								Mode No. 6-230778-02
	ONE	3/4"	Medical Vacuum								6-230778-06
											Or Approved Equal REPLACE OR RETAIN EXISTING

Zone Valves Cabinet Schedule with Gauges											
Valve	Size	Service	Full Port	Cabinet	Cabinet & Mat'l	Frame Mat'l	Pres. Gauge	Scale	Mounting	Remarks	Preferred Vendor
ZV-1	1"	Oxygen	Yes	Y-w/ removable window	18 Ga. Sheet Steel	Anodized Aluminum	Y-1 1/2" Dia.	0-100 PSI	Recessed	Cleaned for Oxygen Service	Beacon Medaes 6-130316-SM Or Approved Equal
	2"	Medical Vacuum						0-30" HG			Zone Valve Gauges Med VAC 6-130107-00 02 and Med Air 6-130108-00 Or Approved Equal
	3/4"	Medical Air						0-100 PSI			Smoke Finish Door Assembly 6-232173-SM Or Approved Equal

Room No.	Functional Area	Fixture, spec 22 40 00										Plumbing and Sanitary Drain Systems			
		P-number	QTY	P-number	QTY	P-number	QTY	P-number	QTY	P-number	QTY	hot water (in)	cold water (in.)	sanitary drain (in)	vent (in.)
138A	Eligibility	--	--	--	--	--	--	--	--	--	--	--	--	--	--
138B	Means Testing	--	--	--	--	--	--	--	--	--	--	--	--	--	--
139	Staff Lounge	--	--	--	--	--	--	--	--	528	1	0.5	0.5	1.5	1.5
140	Small Conference Room	--	--	--	--	--	--	--	--	--	--	--	--	--	--
141	Dietitian Office	--	--	--	--	--	--	--	--	--	--	--	--	--	--
142	Office	--	--	--	--	--	--	--	--	--	--	--	--	--	--
143	PublicToilet	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
143	PublicToilet	103	1	--	--	--	--	--	--	--	--	--	1.25	4	2
144	HAC	--	--	--	--	502	1	--	--	--	--	1	1	3	1.5
175	General Waiting	--	--	--	--	--	--	--	--	--	--	--	--	--	--
174	Pyxis	--	--	--	--	--	--	P-1	1	--	--	0.5	0.5	1.5	1.5
1E-1	Corridor Area West	--	--	--	--	--	--	--	--	--	--	--	--	--	--
173	Clerk 1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
172A	ExamRoom 1- 1	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
172	ExamRoom 1-2	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
171	RN 1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
170	Clerk 2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
169A	ExamRoom 2- 1	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
169	ExamRoom 2-2	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
168	RN 2	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
0	Wheel Chair Alcove (part of corridor)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
167	Procedure	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
166	Office	--	--	--	--	--	--	--	--	--	--	--	--	--	--
165	Clean Utility	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0	Crash Cart (part of corridor)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
164	Pharmacy Office	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
1E-1	Exam Corridor - East	--	--	--	--	--	--	--	--	--	--	--	--	--	--
163	Beh. Health Office	--	--	--	--	--	--	--	--	--	--	--	--	--	--
162A	Exam Room 3-2	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
162	Exam Room 3-1	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
161	RN3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
160A	Printer Alcove	--	--	--	--	--	--	--	--	--	--	--	--	--	--
160	Clerk 3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
159	Clerk 4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
158A	ExamRoom 4-1	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
158	ExamRoom 4-2	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
157	RN 4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
156	Pharmacy Office	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
155	RN 5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
154A	ExamRoom 5-2	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
154	ExamRoom 5-1	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
153	Clerk 5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
151	Soiled Utility	--	--	--	--	--	--	P-1	1	--	--	1	1	4	2
152	Office	--	--	--	--	--	--	--	--	--	--	--	--	--	--
150	Clerk 6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
148B	Exam Room 6-1	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
149	Staff Toilet (South)	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
149	Staff Toilet (South)	103	1	--	--	--	--	--	--	--	--	--	1.25	4	2
1E-2	Exam Corridor - South	--	--	--	--	--	--	--	--	--	--	--	--	--	--
148A	Exam Room 6-2	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
148	Telehealth	--	--	414	1	--	--	--	--	--	--	0.5	0.5	1.5	1.5
147	Mechanical Room	--	--	--	--	--	--	--	--	--	--	--	--	--	--
146	RN	--	--	--	--	--	--	--	--	--	--	--	--	--	--
145	Office	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total		103	2	414	19	502	1	P-1	2	528	1				

LEGEND

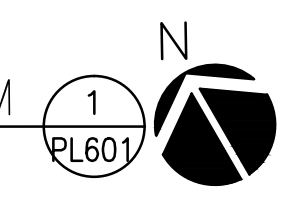
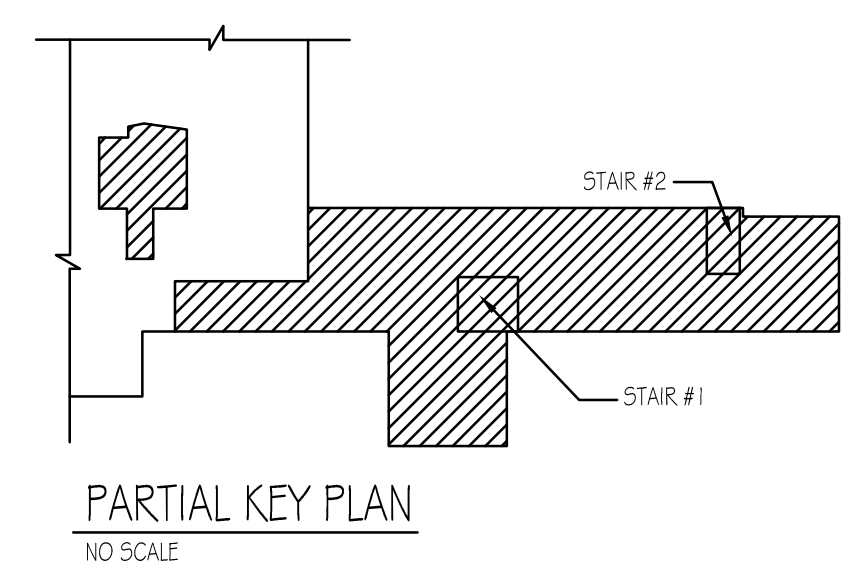
Fixture		
P-number	Description	Remarks
103	water closet, wall hung, electronic flushing valve, wheel chair height, bariatric loaded carrier	per detail 2/PL-50 and specification
414	lavatory, wall hung, wrist controlled faucet	per detail 1/PL-50 and specification
502	sink, service, floor mounted	per specifications
P-1	Stainless steel sink, counter mounted, 12 X 28 X 16, wrist controlled faucet	per architectural details and specifications
528	Stainless steel sink, single compartment counter mounted, with gooseneck faucet wrist control and go336r.	per architectural details and specifications





		<div></div> <div>VA Northern Indiana Health Care System, Fort Wayne 2121 Lake Ave., Fort Wayne IN 46805</div>	<div>CONSULTANTS:</div> <div>USFin Development, LLC 1105 West Weir Street Litchfield, Illinois 62056</div> <div>Viridian Architectural Design, Inc. 2020 East Washington Blvd., Suite 200 Fort Wayne, Indiana 46803</div>				<div>ARCHITECT/ENGINEERS:</div> <div><div><div>AMERICAN STRUCTUREPOINT INC.</div></div><div><div>ENERGY TO EXCEL</div></div></div> <div><div>7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3957 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com</div><div>Engineering Corporation The Fairmont Building 9245 Calumet Ave., Suite 205, Munster, IN 46321 (219) 836-2120 Fax (219) 836-1129</div></div>		<div>Approved: Medical Center Director</div> <div>NAME: _____</div> <div>SIGNATURE: _____</div> <div>Approved: Medical Center Associate Director</div> <div>NAME: _____</div> <div>SIGNATURE: _____</div>		<div>Drawing Title</div> <div>PLUMBING AND MEDICAL GAS SCHEDULES</div> <div>Approved: Engineering Service</div> <div>NAME: _____ SIGNATURE: _____</div> <div>Approved: Project Director</div> <div>NAME: _____ SIGNATURE: _____</div>		<div>Project Title</div> <div>Renovate First Floor East Wing for PACT</div> <div>Location</div> <div>2121 Lake Ave., Fort Wayne, IN 46805</div> <div>Date</div> <div>03/27/2013</div> <div>Checked</div> <div>DR</div> <div>Drawn</div> <div>DS</div>		<div>Project Number</div> <div>610A4-12-107</div> <div>Building Number</div> <div>01</div> <div>Drawing Number</div> <div>PL-600</div> <div>Dwg. 24 of 58</div>		<div>Office of Construction and Facilities Management</div> <div> Department of Veterans Affairs</div>	
BIDDING DOCUMENTS		03/27/2013																
Revisions:		Date:																

BIDDING DOCUMENTS FULLY SPRINKLERED

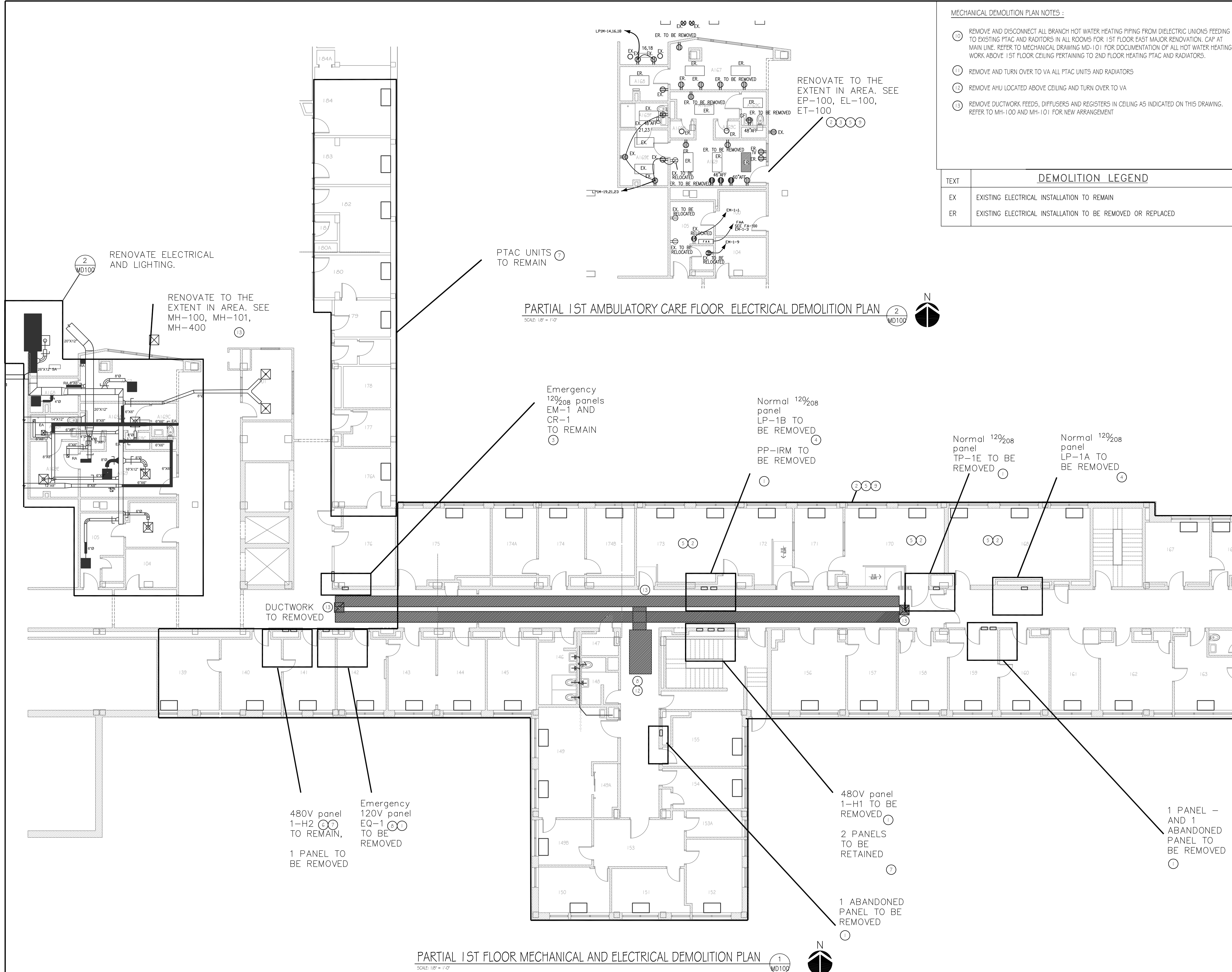
Office of
Construction
and Facilities
Management

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		 <div>VA Northern Indiana Health Care System, Fort Wayne 2121 Lake Ave., Fort Wayne IN 46805</div>	<div>CONSULTANTS: USFin Development, LLC 1105 West Weir Street Litchfield, Illinois 62056 Viridian Architectural Design, Inc. 2020 East Washington Blvd., Suite 200 Fort Wayne, Indiana 46803</div>	<div>ARCHITECT/ENGINEERS:<div><div><div>AMERICAN STRUCTUREPOINT INC.</div></div><div><div>enerTronics ENERGY TO EXCEL</div></div></div><div>7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3857 TEL 317-547-5580 FAX 317-543-0270 www.structurepoint.com</div><div>Engineering Corporation 9245 Calumet Ave., Suite 205, Munster, IN 46321 (219) 836-2120 Fax (219) 836-1129</div></div>	Approved: Medical Center Director NAME: _____ SIGNATURE: _____	<div>Drawing Title 1ST FLOOR PLUMBING AND MEDICAL GAS RISER DIAGRAM AND NOTES</div>	<div>Project Title Renovate First Floor East Wing for PACT</div>	<div>Project Number 610A4-12-107</div> <div>Building Number 01</div>	<div>Office of Construction and Facilities Management</div> <div> Department of Veterans Affairs</div>	
					Approved: Medical Center Associate Director NAME: _____ SIGNATURE: _____	<div>Approved: Engineering Service NAME: _____ SIGNATURE: _____</div>	<div>Location 2121 Lake Ave., Fort Wayne, IN 46805</div>	<div>Drawing Number PL-601</div>		
					Approved: Project Director NAME: _____ SIGNATURE: _____	<div>Date 03/27/2013</div>	<div>Checked DR</div>	<div>Drawn DS</div>		<div>Dwg. 25 of 58</div>
BIDDING DOCUMENTS Revisions:					03/27/2013 Date:					

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



MECHANICAL DEMOLITION PLAN NOTES :

- 1. REMOVE AND DISCONNECT ALL BRANCH HOT WATER HEATING PIPING FROM DIELECTRIC UNIONS FEEDING TO EXISTING PTAC AND RADITORS IN ALL ROOMS FOR 1ST FLOOR EAST MAJOR RENOVATION. CAP AT MAIN LINE. REFER TO MECHANICAL DRAWINGS MD-101 FOR DOCUMENTATION OF ALL HOT WATER HEATING WORK ABOVE 1ST FLOOR CEILING PERTAINING TO 2ND FLOOR HEATING PTAC AND RADITORS.
- 2. REMOVE AND TURN OVER TO VA ALL PTAC UNITS AND RADITORS
- 3. REMOVE AHU LOCATED ABOVE CEILING AND TURN OVER TO VA
- 4. REMOVE DUCTWORK FEEDS, DIFFUSERS AND REGISTERS IN CEILING AS INDICATED ON THIS DRAWING. REFER TO MH-100 AND MH-101 FOR NEW ARRANGEMENT

DEMOLITION LEGEND

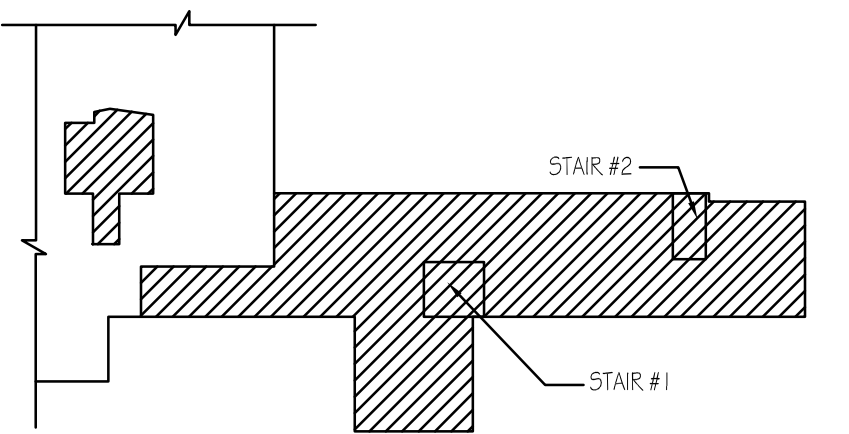
EX	EXISTING ELECTRICAL INSTALLATION TO REMAIN
ER	EXISTING ELECTRICAL INSTALLATION TO BE REMOVED OR REPLACED

GENERAL DEMOLITION NOTES:

- D1. VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. THIS INCLUDES VERIFYING THAT NO DISRUPTION OF POWER TO AREAS OUTSIDE THE DESIGNATED WORK AREA WILL OCCUR PRIOR TO PANEL REMOVAL. NOTIFY THE ARCHITECT OR VA COR OF CONFLICTS PRIOR TO PROCEEDING.
- D2. ALL ITEMS BEING REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER UNTIL CONFIRMATION HAS BEEN MADE AS TO WHETHER THE OWNER WILL RETAIN SUCH ITEMS. ALL ITEMS NOT BEING RETAINED BY THE OWNER OR DESIGNATED ON THE DRAWINGS TO BE RELOCATED OR REINSTALLED SHALL BE COMPLETELY REMOVED FROM THE SITE.
- D3. THE DEMOLITION CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY DUST PARTITIONS, TEMPORARY DOORS, WALK-OFF MATS AND EQUIPMENT PROTECTION WHERE SHOWN ON THE DOCUMENTS OR IMPLIED BY THE WORK BEING PERFORMED. SUCH PROTECTION SHALL BE MAINTAINED AND REPAIRED PROMPTLY IF DAMAGED TO AVOID DUST INFILTRATION INTO ADJACENT AREAS.
- D4. COVER ALL SUPPLY DIFFUSERS, RETURN AIR GRILLES AND EXHAUST GRILLES OUTSIDE OF CONSTRUCTION AREA WITH FILTER MEDIA AND CHANGE REGULARLY.
- D5. REFER TO ARCHITECTURAL AND PLUMBING PLANS FOR RESPECTIVE DEMOLITION INFORMATION.

ELECTRICAL DEMOLITION PLAN NOTES :

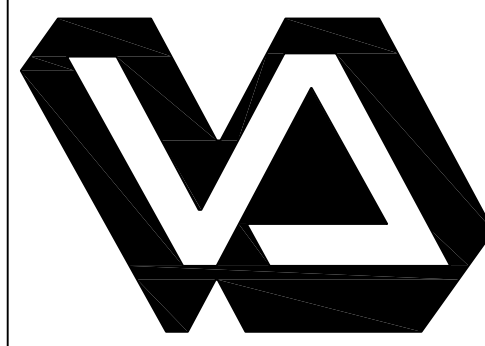



- 1. REMOVE AND DISCONNECT ALL ELECTRICAL CONDUIT AND CABLES FEEDING TO 1 EAST WING FROM ALL ELECTRICAL PANELS AS INDICATED IN THIS DRAWING TO BE REMOVED. CONTRACTOR TO VERIFY CIRCUIT BREAKERS ARE DE-ENERGIZED AND REMOVED FROM SERVICE PRIOR TO COMMENCEMENT OF DEMOLITION. SEE ED-600 FOR MORE DETAILS
- 2. REMOVE ELECTRICAL DEVICES INCLUDING ELECTRICAL OUTLETS AND SWITCHES FROM EXISTING WALLS AND FLOORS THAT ARE INDICATED TO BE DEMOLISHED. SEE ARCHITECTURAL DEMOLITION PLANS
- 3. RETAIN ELECTRICAL DEVICES AND PANELS AS REQUIRED IN EXISTING WALLS INDICATED TO REMAIN.
- 4. DISCONNECT THOSE PANELS INDICATED TO BE REMOVED AS REQUIRED FOR NEW INSTALLATION INTO MECHANICAL ROOM 147. CONTRACTOR TO FIELD VERIFY WITH THE NEW POWER PLAN SHOWN ON EP-100 AND EP-600 TO THE EXTENT REQUIRED TO PERFORM THE FUNCTIONAL TASKS FOR RELOCATION.
- 5. REMOVE NETWORK, DATA CABLES, MONITORS, NURSES CALL AND ALL ASSOCIATED EQUIPMENT FROM ROOM WALLS OR FLOORS WHERE EXISTING. CONTRACTOR TO WORK WITH VA IT FOR VERIFICATION OF TIE INS WITH PATCH PANELS OR NETWORK CABLES/DEVICES SERVICING OTHER FLOORS/AREAS.
- 6. REMOVE ALL ELECTRICAL FEEDS TO EXISTING PTAC UNITS FROM PANEL 1-H2 AND 1-H1 IN EAST SIDE 1ST FLOOR.
- 7. RETAIN ALL ELECTRICAL FEEDS FROM PANEL 1-H2 FOR EXISTING PTAC UNITS LOCATED IN ROOMS 176A, 179, 180, 182, 183, 184.
- 8. REMOVE ALL ELECTRICAL FEEDS TO EXISTING AHU FAN DISCONNECT FROM EXISTING PANEL EQ-1.
- 9. ELECTRICAL LIGHT FIXTURES. (PER DETAIL 1 AND 2 - THIS DRAWING)
A. REMOVE ALL LIGHT FIXTURES AND WALL SWITCHES LOCATED INSIDE ROOMS DESIGNATED TO BE RENOVATED. REMOVE AND TURN OVER ALL LED TUBES TO THE VA.
B. LIGHTING CIRCUIT FOR EAST CORRIDOR LIGHTING FIXTURES IS VIA PANEL EM-1. PRIOR TO DEMO OF EXISTING CORRIDOR LIGHTING IN THE PROJECT AREA, CONTRACTOR TO ENSURE LIGHTING OUTSIDE PROJECT AREA (WEST AND/OR CENTRAL) IS NOT DISRUPTED DURING NORMAL HOURS. IF A DISRUPTION IS EXPECTED TO OCCUR, CONTRACTOR TO CONFER WITH VA COR PRIOR TO DE-ENERGIZING THIS CIRCUIT.



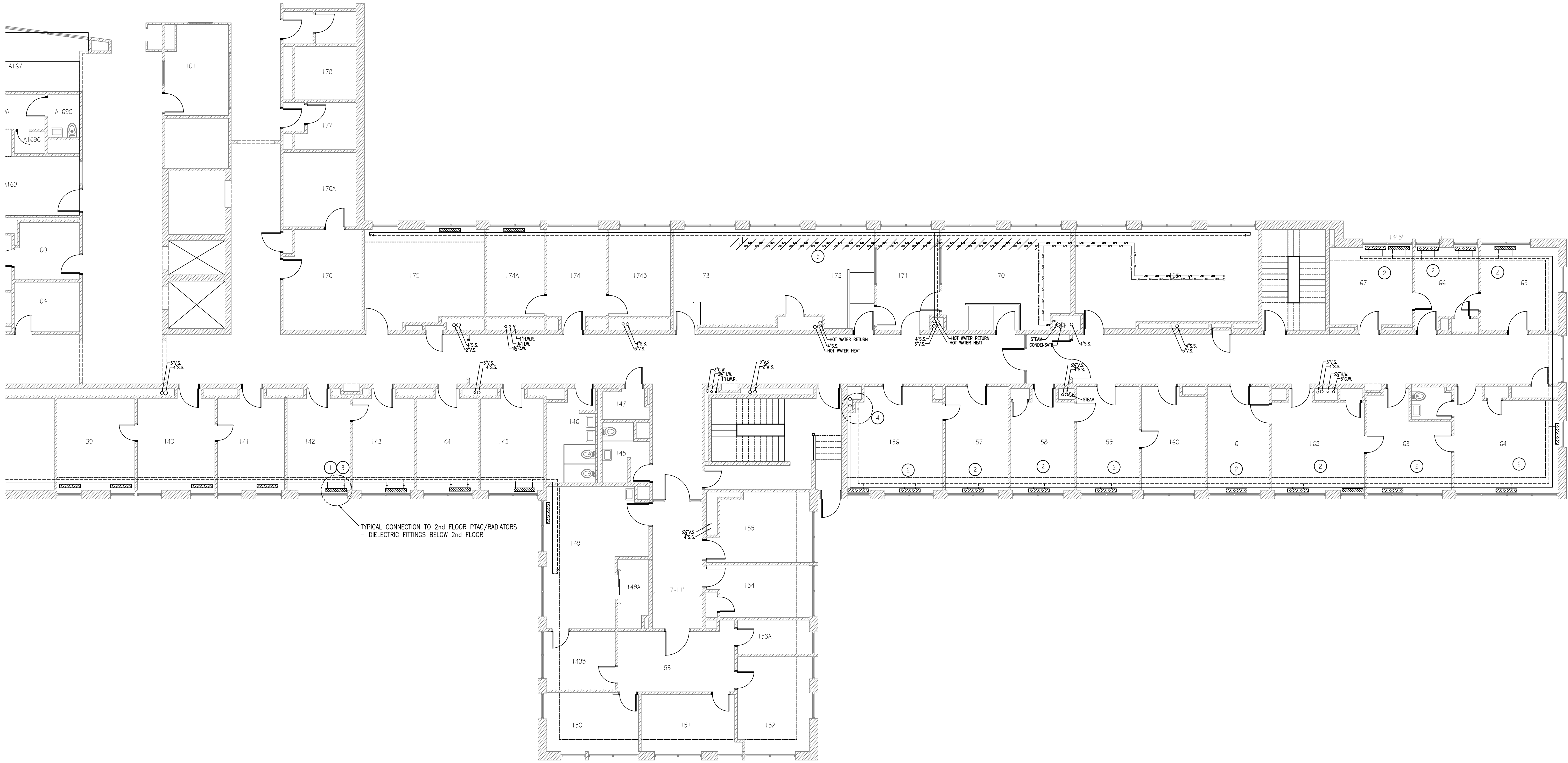
PARTIAL KEY PLAN
NO SCALE

PARTIAL 1ST FLOOR MECHANICAL AND ELECTRICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

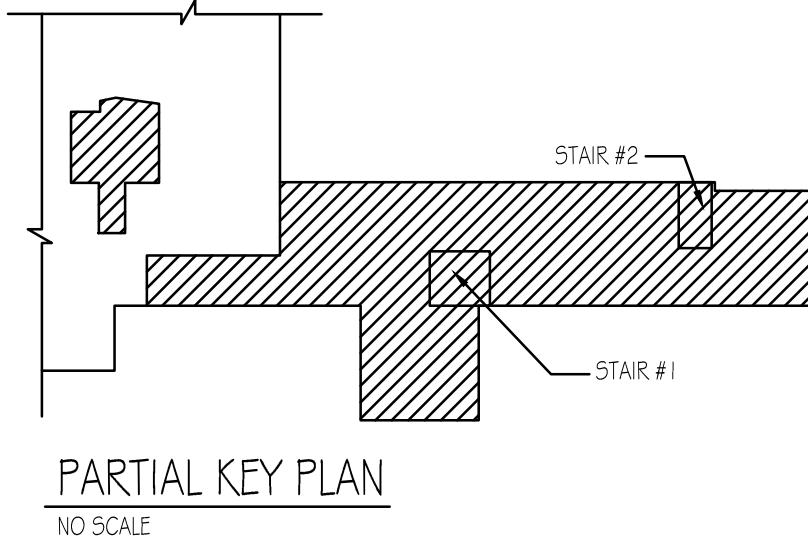
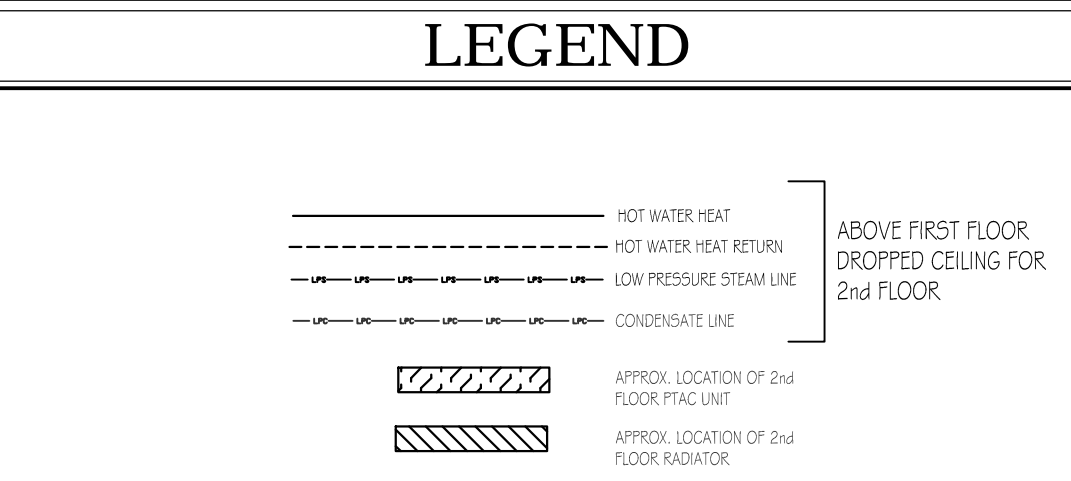
BIDDING DOCUMENTS 03/27/2013		 VA Northern Indiana Health Care System, Fort Wayne 2121 Lake Ave., Fort Wayne IN 46805	CONSULTANTS: USFin Development, LLC 1105 West Weir Street Litchfield, Illinois 62556 Viridian Architectural Design, Inc. 2020 East Washington Blvd, Suite 200 Fort Wayne, Indiana 46803		ARCHITECT/ENGINEERS:   7280 SHADELAND STATION INDIANAPOLIS, IN 46256-3967 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com Engineering Corporation The Farmington Building 92445 Calumet Ave, Suite 205, Munster, IN 46321 (219) 836-2120 Fax (219) 836-1129		Approved: Medical Center Director NAME: _____ SIGNATURE: _____ Approved: Medical Center Associate Director NAME: _____ SIGNATURE: _____		Drawing Title MECHANICAL AND ELECTRICAL DEMOLITION PACT AND NEW VERC AREA 1ST FLOOR Approved: Engineering Service NAME: _____ SIGNATURE: _____ Approved: Project Director NAME: _____ SIGNATURE: _____		Project Title Renovate First Floor East Wing for PACT Location 2121 Lake Ave., Fort Wayne, IN 46805 Date 03/27/2013 Checked DR Drawn DS		Project Number 610A4-12-107 Building Number 01 Drawing Number MD-100 Dwg. 26 of 58		Office of Construction and Facilities Management 	
Revisions:																

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- GENERAL NOTES:
1. VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. NOTIFY THE ARCHITECT OR VA COTR OF CONFLICTS PRIOR TO PROCEEDING.
 2. ALL ITEMS BEING REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER UNTIL CONFIRMATION HAS BEEN MADE AS TO WHETHER THE OWNER WILL RETAIN SUCH ITEMS. ALL ITEMS NOT BEING RETAINED BY THE OWNER OR DESIGNATED ON THE DRAWINGS TO BE RELOCATED OR REINSTALLED SHALL BE COMPLETELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
 3. ALL ATTEMPTS TO DEPICT CURRENT CONDITIONS AS SHOWN ON THE DRAWINGS WERE MADE TO BEST OF THE ARCHITECT'S KNOWLEDGE OF EXISTING CONDITIONS AND OTHER RESOURCES SUCH AS SITE INVESTIGATIONS AND REVIEW OF PREVIOUS DRAWINGS.
 4. ASSURE THAT NO MEDICAL GASES ARE PRESENT IN THE AREA. IF ANY LINES ARE IDENTIFIED OR SUSPECTED OF TRANSMITTING MEDICAL GASES THE COTR SHOULD BE IMMEDIATELY CONTACTED. IN THE EVENT THAT A MEDICAL GAS LINE IS BREACHED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY HIRE A CONTRACTOR CERTIFIED IN MEDICAL GAS SYSTEMS AS WELL AS TO HIRE A FIRM TO RE-CERTIFY THE MEDICAL GAS SYSTEM(S).

- SCOPE OF WORK:
1. RETAIN ALL HOT WATER HEAT AND HOT WATER RETURN LINES AND VALVES. THESE LINES SERVICE THE 2nd FLOOR AND NO INTERRUPTION TO THEIR SERVICE SHALL BE ALLOWED.
 2. REMOVE ALL HOT WATER HEAT AND HOT WATER RETURN LINES AND VALVES AND REPLACE WITH COPPER. THESE LINES SERVICE THE 2nd FLOOR UN ITS. CONTRACTOR TO SCHEDULE A SEASONAL OUTAGE TO TAKE THE UNITS IN THIS ZONE OUT OF SERVICE.
 3. CONTRACTOR TO REPLACE ALL EXISTING UNIONS FROM HOT WATER HEAT AND HOT WATER RETURN TO EACH PTAC AND RADIATOR UNIT. THE NEW DIELECTRIC EPDM INSULATED UNIONS SHALL BE 1" SWEAT X FNPT. CONTRACTOR TO VARY REQUIREMENTS. REFERENCE DETAIL #3 DRAWING #MH-503.
 4. CONTRACTOR TO INSTALL NEW DIELECTRIC EPDM INSULATED UNIONS SHALL BE 1" SWEAT X FNPT AT MAIN HOT WATER HEATING RISERS AND NEW COPPER LINE DISTRIBUTION. CONTRACTOR TO VARY REQUIREMENTS.
 5. REMOVE LOW PRESSURE STEAM AND CONDENSATE LINES AND DO NOT REINSTALL.



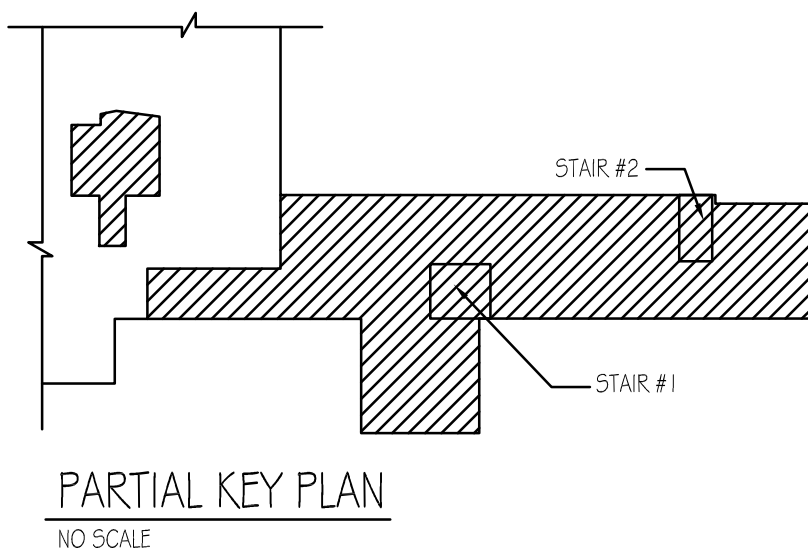
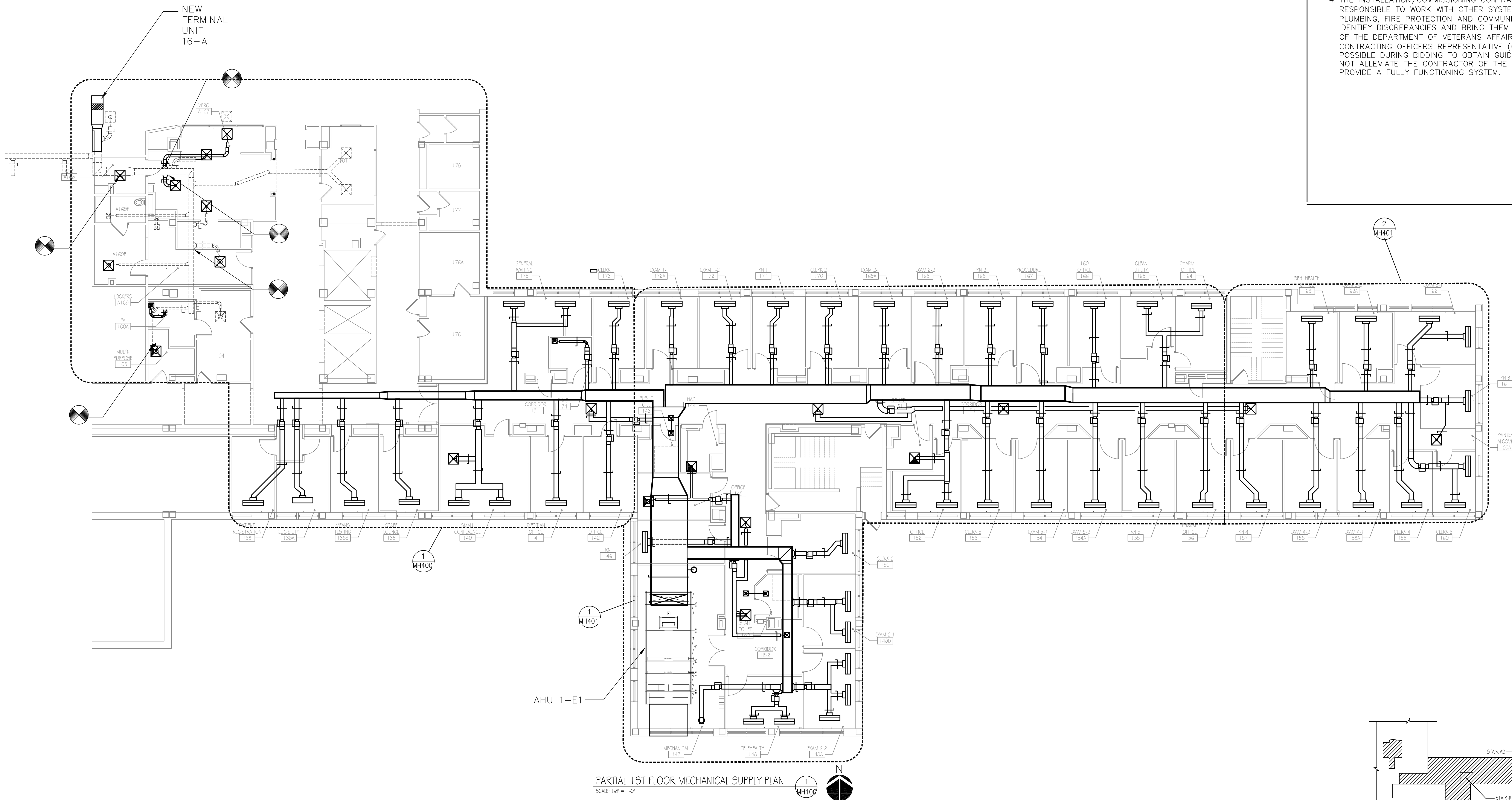
BIDDING DOCUMENTS
FULLY SPRINKLERED

BIDDING DOCUMENTS Revisions: _____ Date: 03/27/2013		VA Northern Indiana Health Care System, Fort Wayne 2121 Lake Ave., Fort Wayne IN 46805	CONSULTANTS: USFin Development, LLC 1105 West Weir Street Litchfield, Illinois 62056 Viridian Architectural Design, Inc. 2020 East Washington Blvd, Suite 200 Fort Wayne, Indiana 46803	ARCHITECT/ENGINEERS: AMERICAN STRUCTUREPOINT INC. 7289 SHADELAND STATION INDIANAPOLIS, IN 46256-3967 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com enertronics Engineering Corporation The Fairmont Building 92415 Calumet Ave., Suite 205, Munster, IN 46321 (219) 836-2120 Fax (219) 836-1129	Approved: Medical Center Director NAME: _____ SIGNATURE: _____ Approved: Medical Center Associate Director NAME: _____ SIGNATURE: _____		Drawing Title MECHANICAL DEMOLITION AND 2nd FLOOR SCOPE OF WORK, PLAN AND NOTES		Project Title Renovate First Floor East Wing for PACT		Project Number 610A4-12-107 Building Number 01		Office of Construction and Facilities Management Department of Veterans Affairs
Date: 03/27/2013					Approved: Engineering Service NAME: _____ SIGNATURE: _____ Approved: Project Director NAME: _____ SIGNATURE: _____		Location 2121 Lake Ave., Fort Wayne, IN 46805		Drawing Number MD-101 Dwg. 27 of 58				

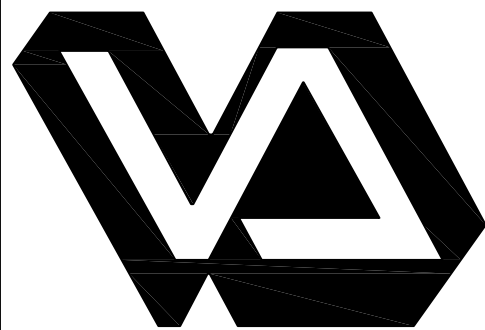
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NOTES

1. THE INSTALLATION/COMMISSIONING CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY IDENTIFY INTERFERENCES AND TO MAKE NECESSARY ADJUSTMENTS IN THE FIELD.
2. THE DIAGRAM IS INTENDED TO SHOW THOSE ITEMS THAT ARE NEEDED PER DESIGN REQUIREMENTS AND DOES NOT REFLECT ANY ADDITIONAL ITEMS DUE TO BOTH PHYSICAL AND CONSTRUCTION CONDITIONS.
3. FOR DUCT SIZES, VAV BOX AND OTHER RELATED FLOW, REFERENCE MH-400 AND MH-401.
4. THE INSTALLATION/COMMISSIONING CONTRACTOR SHALL BE RESPONSIBLE TO WORK WITH OTHER SYSTEMS (i.e.ELECTRICAL, PLUMBING, FIRE PROTECTION AND COMMUNICATIONS) AND TO IDENTIFY DISCREPANCIES AND BRING THEM TO THE ATTENTION OF THE DEPARTMENT OF VETERANS AFFAIRS (V.A.) CONTRACTING OFFICERS REPRESENTATIVE (COR) AS SOON AS POSSIBLE DURING BIDDING TO OBTAIN GUIDANCE. THIS SHALL NOT ALLEVIATE THE CONTRACTOR OF THE RESPONSIBILITY TO PROVIDE A FULLY FUNCTIONING SYSTEM.



BIDDING DOCUMENTS	03/27/2013
Revisions:	Date:



VA Northern Indiana
Health Care System,
Fort Wayne
2121 Lake Ave., Fort Wayne
IN 46805

CONSULTANTS:
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1105 West Weir Street
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Fort Wayne, Indiana 46803

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The Farmington Building
92445 Calumet Ave, Suite 205,
Munster, IN 46321
(219) 836-2120 Fax (219) 836-1129

Approved: Medical Center Director
NAME: _____
SIGNATURE: _____
Approved: Medical Center Associate Director
NAME: _____
SIGNATURE: _____

Drawing Title
1ST FLOOR MECHANICAL SUPPLY PLAN AND NOTES
Approved: Engineering Service
NAME: _____ SIGNATURE: _____
Approved: Project Director
NAME: _____ SIGNATURE: _____

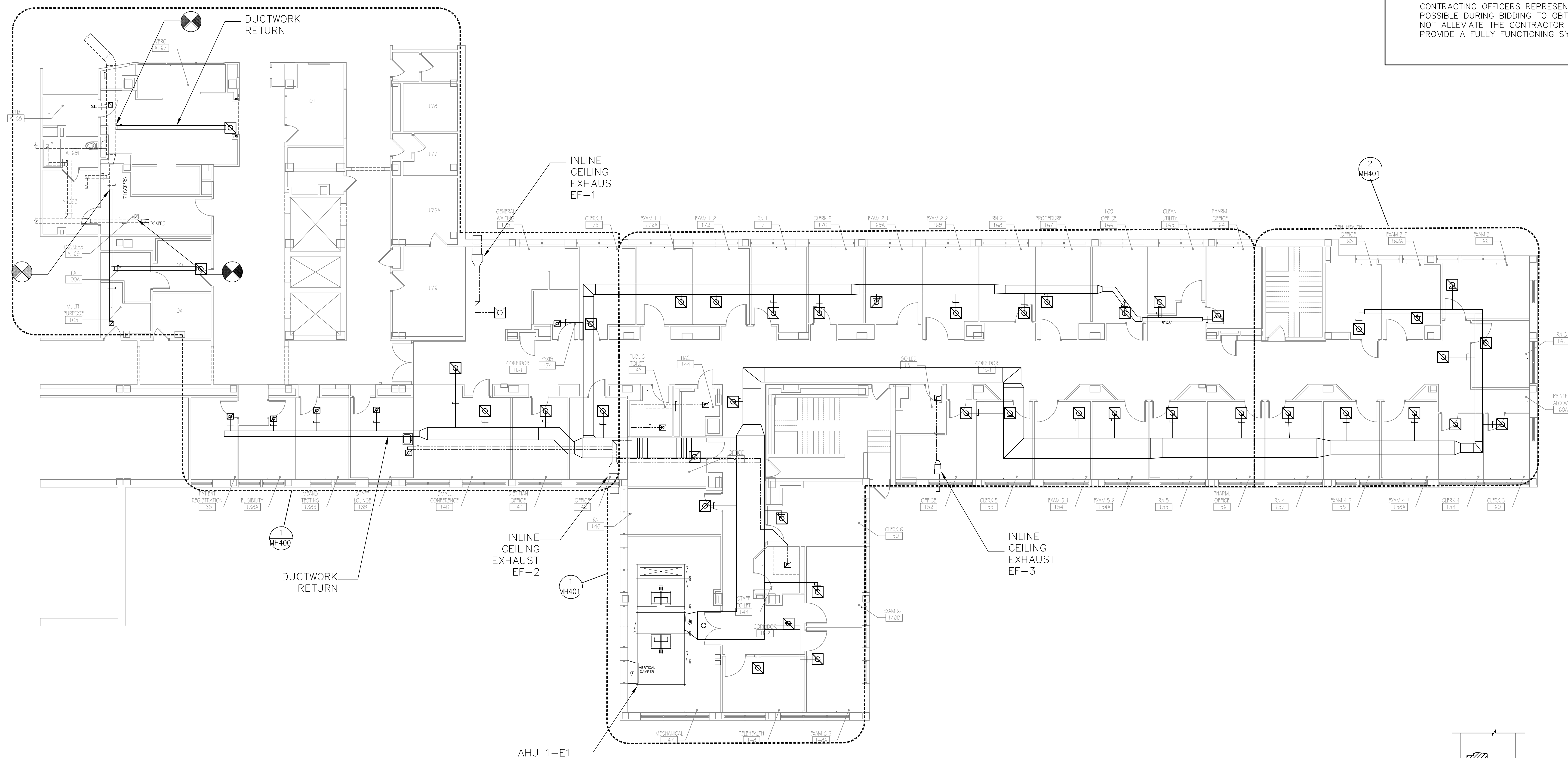
Project Title
Renovate First Floor East Wing
for PACT
Location
2121 Lake Ave., Fort Wayne, IN 46805
Date
03/27/2013
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Project Number
610A4-12-107
Building Number
01
Drawing Number
MH-100
Dwg 28 of 58

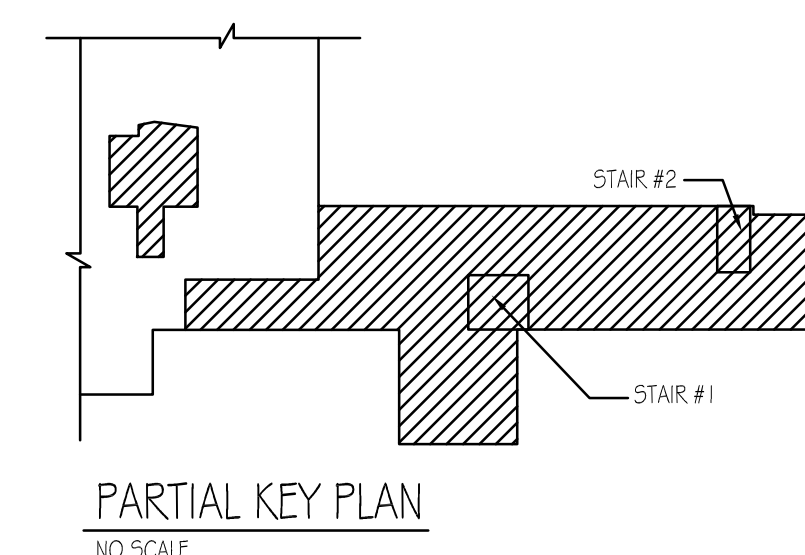
Office of
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1 PARTIAL 1ST FLOOR MECHANICAL HVAC PLAN
SCALE: 1/8" = 1'-0"

[illegible]

